	Leidy, Robert[Leidy.Robert@epa.gov] Sumner, Rich Wed 2/5/2014 5:41:04 PM Corps ratio checklist for our discussion op stream exps.pdf
Hey Rob,	
We can lo work for	ook at the attached when we chat. The challenge is to see if we can make the SOF us.
Rich	
Richard S	Sumner
Sent: Wed To: Brush Cc: Kaise	dy, Robert dnesday, February 05, 2014 8:36 AM , Jason; Sumner, Rich; Goldmann, Elizabeth r, Russell RE: HGM references
Jason,	
Will be c	alling Rich today to discuss.
Rob	

Robert A. Leidy, Ph.D.

U.S. Environmental Protection Agency

Wetlands Office (WTR-8)

75 Hawthorne Street

San Francisco, CA 94105

(415) 972-3463

From: Brush, Jason

Sent: Tuesday, February 04, 2014 5:35 PM

To: Sumner, Rich; Leidy, Robert; Goldmann, Elizabeth

Cc: Kaiser, Russell

Subject: RE: HGM references

## Ex. 5 - Deliberative Process

Russ, see Rich's perspective on the HGM question right before his close, below.

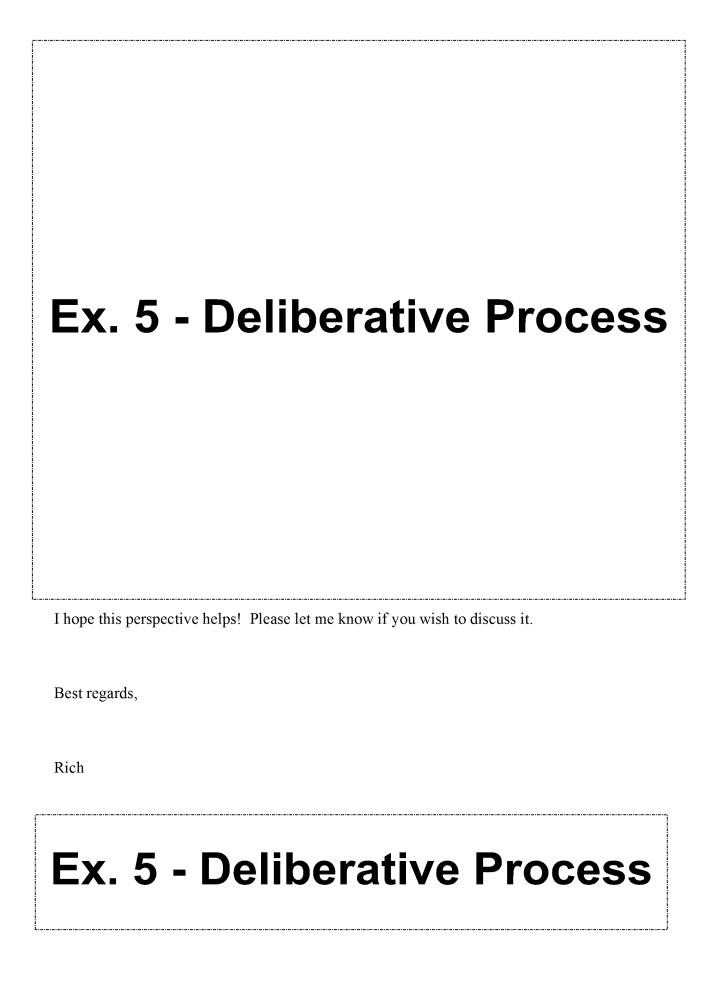
From: Sumner, Rich

Sent: Tuesday, February 04, 2014 10:00 AM

To: Leidy, Robert

Cc: Goldmann, Elizabeth; Brush, Jason

Subject: RE: HGM references



Richard Sumner

**USEPA** 

200 SW 35th Street

Corvallis, OR 97333

541.754.4444

Sumner.Richard@epa.gov

From: Leidy, Robert

Sent: Friday, January 31, 2014 8:55 AM

To: Sumner, Rich

Subject: FW: HGM references

Hi Rich,

## Ex. 5 - Deliberative Process

Best,

Rob

Robert A. Leidy, Ph.D.

**U.S. Environmental Protection Agency** 

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From: Julia Fonseca [mailto:Julia.Fonseca@pima.gov]

Sent: Tuesday, December 17, 2013 4:07 PM

To: Leidy, Robert

Subject: HGM references

Hi, Robert,

You requested some information about the hydrogeomorphic methods used in Arizona. See the attached pdf for a description taken from a Corp restoration study for the Santa Cruz River in Tucson.

http://rfcd.pima.gov/largefiles/pdli2/PDIeis.pdf The Paseo DEIS is posted here. It is the source for the above document.

But there is a final EIS. See EIS No. 20050477, Final EIS, COE, AZ, Santa Cruz River, Paseo de las Iglesias Feasibility Study, To Identify, Define and Solve Environmental Degradation, Flooding and Water Resource Problems, City of Tucson, Pima County, AZ, Wait Period Ends: December 19, 2005, Contact: Michael J. Fink 602-640-2001 Ext. 252.

http://www.usace.army.mil/Portals/2/docs/civilworks/CWRB/stcruz/SantaCruzRiverPaseodLI\_Project\_Summar 25-06.pdf This is a policy review of some of the issues that came out when the Corps reviewed the Paseo project.